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20 October 1997

Mr. Michael McAteer
U.S. EPA, Region V
77 West Jackson Blvd.
HSRW-6J
Chicago, IL 60604-3590

**Subject: Enviro-Chem Superfund Site
Monthly Progress Report Number 50
September 15 through October 14, 1997**

Dear Mr. McAteer:

Enclosed is the subject progress report Number 50. Copies of the reports have been submitted to Mr. Vince L. Epps at IDEM.

Sincerely,

Mark Dowiak

Mark J. Dowiak, P.E.
Project Manager

MJD:rz

Enclosure

cc: Dr. Roy O. Ball, Ph.D., P.E. – ERM
Mr. Norman Bernstein, Esq. – N.W. Bernstein & Associates
Mr. John Kyle, III, Esq. – Barnes & Thornburg
Mr. George Anastos – Versar

To: Vince Epps, IDEM
Michael McAteer, U.S. EPA

From: Mark J. Dowiak *M. Dowiak*

Date: 20 October 1997

Subject: **Enviro-Chem Superfund Site**
Monthly Progress Report Number 50
September 15 through October 14, 1997

MEMORANDUM

This Monthly Progress Report has been prepared in accordance with Section XII of the Consent Decree entered September 10, 1991, Number 83419C, U.S.D.C. District of Indiana.

Activities

de maximus, inc. conducted the September monthly site inspection at the Enviro-Chem Superfund site on September 29, 1997. The following conditions were noted during the monthly site inspection:

- The distances from the lowest strand of barbed wire to the channel bottom in the north drainage ditch and the Parcel 45 south diversion channel were 22.5 inches and 27 inches respectively. These are the same distances that were measured during the July inspection;
- The asphalt material that has been placed against the outside of the fence directly across from the Boone County Resource Recovery Systems (BCRRS) office which resulted in a two- (2) to three- (3) foot elevation increase continues to be monitored each month. There does not appear to be any significant effect on the fence as of this inspection;
- The areas where the sheens were observed in March were inspected. There were no visible signs of sheens observed during this inspection;
- The portion of the western fence that was observed to be damaged in the previous inspection has been repaired; and
- The nineteen drums of soil cuttings that are staged on the decon pad are intact.

Versar/Handex continued work on the SVE design and other revisions to the Final Design as discussed in the August 14 meeting.

The Trustees and Versar/Handex met with U.S. EPA and IDEM on September 23 to review the SVE and other design work being done by Versar. The U.S. EPA and IDEM indicated their concurrence in the ordering of long lead-time items, the modifications proposed by Versar to the wastewater treatment plant and the overall Versar design approach. At the meeting, subject to

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IDEM approval, the U.S. EPA also indicated concurrence with the use of indicator parameters for SVE O/M. A few days later IDEM also concurred on the use of indicator parameters.

Activities to be Conducted from October 15 through November 14, 1997

- *de maximus, inc.* will conduct the October monthly site inspection;
- Versar/Handex will continue work on the 100 percent design of the SVE and the revised design issues discussed at the September 23 meeting; and
- Versar/Handex will submit the SVE design and other revisions to the Final Design to U.S. EPA on October 21, 1997.

MJD:rz

cc: Roy Ball, Ph.D., P.E. – ERM
John Kyle, III – Barnes & Thornburg
Norman Bernstein – N.W. Bernstein & Associates